

2016 CC Water Distribution System: Model Run #2

Model Details:

1. City-wide Demand = 60 MGD
2. Model Scenario = 5-day Extended Period Simulation
3. Source Tracing of chemical through distribution system with entry at 6746 Up River Road
4. Chemical Introduction = 1.5 hours at 36 gpm in 8" line
5. Chemical pump at incident site operated at 80 psi

Assumptions:

1. The chemical of interest was introduced into the 8" line at the incident area north of Up River Road.
2. Two transmission lines along Omaha Rd. were closed to represent existing conditions per the City.
3. The "Nodes Receiving Water" represents locations that receive any amount of the chemical. Concentrations of the chemical are reflected on the exhibit as percentages.



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